

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

<b>Application Number</b>	<b>10/725,284</b>
<b>Filing Date</b>	<b>December 2, 2003</b>
<b>First Named Inventor</b>	<b>Jon Elliot ADLER, et al.</b>
<b>Art Unit</b>	<b>1649</b>
<b>Examiner Name</b>	<b>John Ulm</b>
<b>Attorney Docket Number</b>	<b>67824.428904</b>

Sheet 1 of 4

**U.S. PATENT DOCUMENTS**

*Examiner Initials	Cite No.	DOCUMENT NUMBER Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1.	US- 6,383,778	05-07-2002	Zuker, et al.	
	2.	US- 5,993,778	11-30-1999	Firestein, et al.	
	3.	US- 2003/0054448	03-20-2003	Adler, et al.	
	4.	US- 2003/0040045	02-27-2003	Zuker, et al.	
	5.	US- 2003/0022278	01-30-2003	Zuker, et al.	
	6.	US- 2003/0022288	01-30-2003	Zuker, et al.	
	7.	US- 2002/0168635	11-14-2002	Zuker, et al.	
	8.	US- 2003/0008344	01-09-2003	Adler, et al.	
	9.	US- 2002/0160424	10-31-2002	Adler, et al.	
	10.	US- 2002/0151052	10-17-2002	Chaudhari, et al.	
	11.	US- 2002/0094551	07-18-2002	Adler, et al.	
	12.	US- 2002/0051997	05-02-2002	Zuker, et al.	
	13.	US- 6,540,978	04-01-2003	Margolskee, et al.	
	14.	US- 2003/0036089	02-20-2003	Wei, et al.	
	15.	US- 2003/0166137	09-04-2003	Zuker, et al.	
	16.	US- 2005/0106571	05-19-2005	Erlenbach, et al.	
	17.	US- 2007/0105159	05-10-2007	Erlenbach, et al.	
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EXAMINER SIGNATURE /John Ulm/

DATE CONSIDERED 03/18/2008

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Jon Elliot ADLER, *et al.*

Art Unit

1649

Examiner Name

**John Ulm**

Sheet

2 of 4

Attorney Docket Number

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## FOREIGN PATENT DOCUMENTS

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		<b>First Named Inventor</b> Jon Elliot ADLER, <i>et al.</i>		
		<b>Art Unit</b> 1649		
		<b>Examiner Name</b> John Ulm		
<b>Sheet</b>	3 of 4	<b>Attorney Docket Number</b>	67824.428904	

OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS				
*Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	TRANSLATION	
			YES	NO
	27.	Xiadong Li, et al., "Human Receptors for Sweet and umami taste", Proceeding of the National Academy of Science, Vol. 99, No. 7, pg. 4692-4696, April 2, 2002.	<input type="checkbox"/>	<input type="checkbox"/>
	28.	Database EMBL 'Onlinel, embi heidelberg; Acc#: Ac062024, June 21, 2000.	<input type="checkbox"/>	<input type="checkbox"/>
	29.	E. Adler, et al., "A Novel Family of Mammalian Taste Receptors", Cell, Vol. 100, No. 6, pg. 693-702, March 17, 2000.	<input type="checkbox"/>	<input type="checkbox"/>
	30.	Guo, et al., "Protein Tolerance to Random Amino Acid change", PNAS, Vol. 101, No. 25, pg. 9205-9210, June 22, 2004.	<input type="checkbox"/>	<input type="checkbox"/>
	31.	Nelson, et al., "Mammalian Sweet Taste Receptors", Cell, Vol. 106, pg. 381-390, August 10, 2001.	<input type="checkbox"/>	<input type="checkbox"/>
	32.	Nelson, et al., "An Amino-acid Taste Receptor", Nature, Vol. 416, pg. 199-202, March 14, 2002.	<input type="checkbox"/>	<input type="checkbox"/>
	33.	Alexander, et al., "Altering the Antigenicity of proteins", Proc. Natl. Acad. Sci. USA, Vol. 89, pg. 3352-3356, April 1992.	<input type="checkbox"/>	<input type="checkbox"/>
	34.	Bowie, et al., "Deciphering the Message in Protein Sequences: Tolerance to Amino Acid Substitutions", Science, Vol. 247, pg. 13061310, March 16, 1990.	<input type="checkbox"/>	<input type="checkbox"/>
	35.	Krautwurst, et al., "Identification of Ligands for Olfactory Receptors by Functional Expression of a Receptor Library", Cell, Vol. 95, pg. 917-926, December 23, 1998.	<input type="checkbox"/>	<input type="checkbox"/>
	36.	GenBank Accession Number AL139287, clone RP5-89003, February 13, 2000.	<input type="checkbox"/>	<input type="checkbox"/>
	37.	GenBank Accession Number AA907022, May 19, 1998.	<input type="checkbox"/>	<input type="checkbox"/>

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**Application Number****10/725,284****Filing Date****December 2, 2003****First Named Inventor****Jon Elliot ADLER, et al.****Art Unit****1649****Examiner Name****John Ulm****Sheet****4 of 4****Attorney Docket Number****67824.428904****OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	TRANSLATION	
			YES	NO
	38.	Hoon, et al., "Putative Mammalian Taste Receptors: A Class of Taste-Specific GPCRs with Distinct Topographic Selectivity", Cell, Vol. 96, pg. 541-551, February 19, 1999.	<input type="checkbox"/>	<input type="checkbox"/>
	39.	Lindemann, "A Taste for Umami", Nature Neuroscience, Vol. 3, No. 2, pg. 99-100, February 2000.	<input type="checkbox"/>	<input type="checkbox"/>
	40.	Perruccio, et al., "Possible Role for gustducin in Taste Transduction in Hirudo Medicinalis", Society for Neuroscience Abstracts, Vol. 26, No. 1-2, Abstract No. 66.15, 2000.	<input type="checkbox"/>	<input type="checkbox"/>
	41.	Wolfgang Bönigk, et al., "The Native Rat Olfactory Cyclic Nucleotide-Gated Channel is Composed of Three Distinct Subunits", The Journal of Neuroscience, Vol. 19, No. 136, pg. 5332-5347, July 1, 1999.	<input type="checkbox"/>	<input type="checkbox"/>
	42.	Sue C. Kinnamon and Thomas A. Cummings, "Chemosensory Transduction Mechanisms in Taste", Annu. Rev. Physiol., Vol. 54, pg. 715-731, 1992.	<input type="checkbox"/>	<input type="checkbox"/>
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